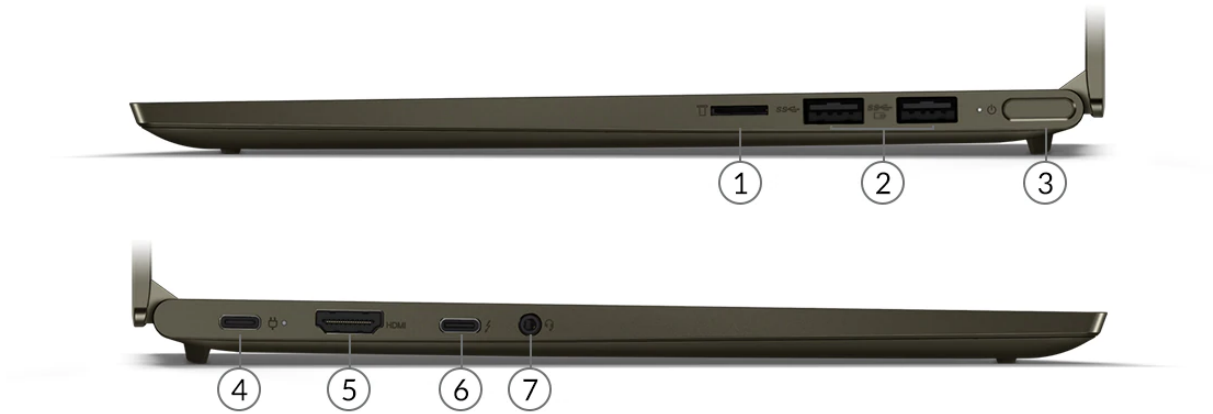


OVERVIEW



1. MicroSD card reader	5. HDMI 2.0b
2. 2x USB 3.2 Gen 1 (one Always On)	6. USB-C 3.2 Gen 2 / Thunderbolt 3
3. Power button	7. Headphone / microphone combo jack (3.5mm)
4. USB-C (PD 3.0 only)	

## PERFORMANCE

### Processor

**Processor Family**

10th Generation Intel® Core™ i5 / i7 Processor

**Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1035G1	4	8	1.0GHz	3.6GHz	6MB	LPDDR4-3733	Intel UHD Graphics
Core i5-1035G4	4	8	1.1GHz	3.7GHz	6MB	LPDDR4-3733	Intel Iris® Plus Graphics
Core i7-1065G7	4	8	1.3GHz	3.9GHz	8MB	LPDDR4-3733	Intel Iris Plus Graphics

### Operating System

**Operating System**

- Windows® 10 Home 64
- Windows 10 Pro 64

### Graphics

**Graphics**

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12
Intel Iris Plus Graphics	Integrated	Shared	DirectX 12
NVIDIA® GeForce® MX330	Discrete	2GB GDDR5	DirectX 12
NVIDIA GeForce MX350	Discrete	2GB GDDR5	DirectX 12

### Monitor Support

**Monitor Support**

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via HDMI® (up to 4096x2160@60Hz) or Thunderbolt™ (up to 5120x3200@60Hz)

### Chipset

**Chipset**

Intel SoC (System on Chip) platform

### Memory

**Max Memory<sup>[1]</sup>**

- 12GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

**Memory Slots**

Memory soldered to systemboard, no slots, dual-channel

**Memory Type**

LPDDR4x-3200

**Notes:**

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

### Storage

**Storage Support**

One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

**Storage Type**

Disk Type	Interface	RPM	Security
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M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

Removable Storage

- Optical
- None
- Card Reader
- MicroSD card reader

Multi-Media

- Audio Chip
- High Definition (HD) Audio
- Speakers
- Stereo speakers, 2W x2, optimized with Dolby® Atmos®
- Microphone
- Dual array microphone
- Camera
- IR & 720p, with ToF sensor, fixed focus

Sensor

- Sensors
- Ambient light sensor (ALS)

Battery

- Battery
- Integrated Li-Polymer 60.7Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min) with 95W AC adapter
- Max Battery Life<sup>[1]</sup>
- MobileMark® 2014: 11.5 hr (UHD + integrated graphics)
  - MobileMark 2014: 14 hr (FHD + discrete graphics)
  - MobileMark 2014: 15 hr (FHD + integrated graphics)

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

- Power Adapter
- 65W USB-C slim AC adapter
  - 65W USB-C AC adapter
  - 95W USB-C AC adapter

DESIGN

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
14.0"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	-	100% sRGB	-	-
14.0"	UHD (3840x2160)	None	IPS	500 nits	Glossy	16:9	-	90% DCI-P3	-	HDR 400

Touchscreen

- Capacitive-type multi-touch, supports 10-point touch
- Non-touch

Notes:

1. California Electronic Waste Recycling Fee  
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product.  
For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

Input Device

Keyboard

6-row, multimedia Fn keys

Keyboard Backlight

LED backlight

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP)

Mechanical

Weight<sup>[1]</sup>

Models	Weight
Fabric + Aluminium (Top), Aluminium (Bottom) models	1.55 kg (3.41 lbs)
Aluminium (Top), Aluminium (Bottom) models	1.5 kg (3.3 lbs)

Case Color

- Dark moss
- Orchid
- Slate grey

Surface Treatment

- Anodizing sandblasting
- Fabric

Case Material

- Fabric + Aluminium (top), Aluminium (bottom)
- Aluminium (top), aluminium (bottom)

Notes:

1. The system weight varies depending on configurations.

CONNECTIVITY

Network

Onboard Ethernet

No Ethernet

WLAN + Bluetooth™

802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

Ports<sup>[1]</sup>

Standard Ports<sup>[2]</sup>

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 2 / Thunderbolt 3 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x USB-C (support Power Delivery 3.0 only)
- 1x HDMI 2.0b
- 1x card reader
- 1x headphone / microphone combo jack (3.5mm)

Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

USB 2.0: 480 Mbit/s;  
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;  
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;  
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
Thunderbolt 3: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s

2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

## SECURITY & PRIVACY

### Security

#### Security Chip

Firmware TPM 2.0 integrated in chipset

#### Fingerprint Reader

- Touch style fingerprint reader on power button
- No fingerprint reader

#### BIOS Security

- Power-on password
- Administrator password
- Hard disk password

#### Other Security

IR camera for Windows Hello

## SERVICE

### Warranty

#### Base Warranty

1-year depot service

## ENVIRONMENTAL

### Operating Environment

#### Temperature<sup>[1]</sup>

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

#### Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

#### Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

#### Notes:

1. When you charge the battery, its temperature must be no lower than 10°C (50°F)

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant



Other Certifications

Other Certifications

- Athena certified
- None

